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Substitute Form 1449/PTO

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Date Submitted: April 6, 2009

(use as many sheets as necessary)

Sheet

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of

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Application Number	10/584,243
Filing Date	11/29/2004
First Named Inventor	Masanori NAKAMURA
Art Unit	1793
Examiner Name	Cam N NGUYEN

Attorney Docket Number 040302-0567

U.S. PATENT DOCUMENTS

Examiner or Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
A1	US-2001/0004832-A1	06-28-2001	HANAKI ET AL.		
A2	US-2001/0006934-A1	07-05-2001	KACHI ET AL.		
A3	US-2001/0021358-A1	09-13-2001	KIKUCHI ET AL.		
A4	US-2002/0045543-A1	04-18-2002	TAKATORI ET AL.		
A5	US-2003/0004054-A1	01-02-2003	ITO ET AL.		
A6	US-2003/0083193-A1	05-01-2003	TAKAYA ET AL.		
A7	US-2003/0167752-A1	09-11-2003	NIWA ET AL.		
A8	US-2003/0181316-A1	09-25-2003	HIRAMOTO ET AL.		
A9	US-2004/0055280-A1	03-25-2004	NISHIZAWA ET AL.		
A10	US-2004/0254069-A1	12-16-2004	ITO, JUNJI		
A11	US-2005/0170958-A1	08-04-2005	KIKUCHI ET AL.		
A12	US-2005/0215429-A1	09-29-2005	WAKAMATSU ET AL.		
A13	US-2005/0221978-A1	10-06-2005	SHIRATORI ET AL.		
A14	US-2007/0156562-A1	07-05-2007	YASUDA ET AL.		
A15	US-2007/0167319-A1	07-19-2007	SHIRATORI ET AL.		
A16	US-2007/0203021-A1	08-30-2007	NAKAMURA ET AL.		
A17	US-2007/0244001-A1	10-18-2007	WAKAMATSU ET AL.		
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Examiner Signature /Cam N. Nguyen/

Date Considered

06/04/2009

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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /CNN/

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		First Named Inventor	Masanori NAKAMURA
		Art Unit	1793
		Examiner Name	Cam N NGUYEN
Sheet	2	of	6
		Attorney Docket Number	040302-0567

U.S. PATENT DOCUMENTS

	Document Number		
A41	US-4,758,418-	07-19-1988	YOO ET AL.
A42	US-4,765,874-	08-23-1988	MODES ET AL.
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Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/584,243
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Sheet 3 of 6		First Named Inventor	Masanori NAKAMURA
		Art Unit	1793
		Examiner Name	Cam N NGUYEN
		Attorney Docket Number	040302-0567

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A92	US-6,569,803-B2	05-27-2003	TAKEUCHI
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A106	US-6,894,857-B2	05-24-2005	NAKAMURA ET AL.
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UNPUBLISHED U.S. PATENT APPLICATION DOCUMENTS

Examiner Initials*	Cite No ¹	U.S. Patent Application Document Serial Number-Kind Code ² (if known)	Filing Date of Cited Document MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A115	11/72275	06-20-2007	NAKAMURA ET AL.	

Examiner Signatures	/Cam N. Nguyen/	Date Considered	06/04/2009
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Sheet	4	of	Art Unit	1793
			Examiner Name	Cam N NGUYEN
			Attorney Docket Number	040302-0567

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	A116	JP-07-246343-A	12-25-1984	NIPPON SHOKUBAI KAGAKU KOGYO CO., LTD.		Abst.
	A117	JP-10-216517-A	08-18-1998	TOYOTA MOTOR CORP.		Abst.
	A118	EP-1 494 304-A1	01-05-2005	NISSAN MOTOR CO., LTD.		
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	A130	JP-2003-290658-A	10-14-2003	TOYOTA MOTOR CORP.		Abst.
	A131	JP-2003-290667-A	10-14-2003	TOYOTA MOTOR CORP.		Abst.
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	A142	WO-97/09114-A1	03-13-1997	INSTITUTIONEN FOR KEMITEKNIK KEMISK TEKNOLOGI KTH		

Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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Sheet	5	of	6	Attorney Docket Number
040302-0567				

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.		
	A143	A. Martinez-Arias et al., "Study of the lean NO _x reduction with C3H ₆ in the presence of water over silver/alumina catalysts prepared from inverse microemulsions," Applied Catalysts B: Environmental, Vol. 28, 2000, pages 29-41.		T ⁶
	A144	H. WAKAMATSU et al., US PTO Office Action 11/578,295, 03-19-2009, 8 pgs.		
	A145	H. WAKAMATSU et al., US PTO Office Action 11/578,295, 10-02-2008, 15 pgs.		
	A146	H. WAKAMATSU, et al., US PTO Office Action 11/079,270, 03-04-2009, 6 pgs.		
	A147	H. WAKAMATSU, et al., US PTO Office Action 11/079,270, 05-12-2008, 7 pgs.		
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	A152	K. SHIRATORI, et al., US PTO Office Action 10/584,346, dated 07-11-2008, 5 pgs.		
	A153	K. SHIRATORI, et al., US PTO Office Action 10/584,346, dated 11-18-2008, 19 pgs.		
	A154	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 03-12-2009, 7 pgs.		
	A155	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 05-08-2008, 6 pgs.		

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/584,243
Date Submitted: April 6, 2009		Filing Date	11/29/2004
(use as many sheets as necessary)		First Named Inventor	Masanori NAKAMURA
Sheet	6	Art Unit	1793
		Examiner Name	Cam N NGUYEN
		Attorney Docket Number	040302-0567

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A156	K. SHIRATORI, et al., US PTO Office Action 11/079,377, dated 07-28-2008, 18 pgs.	
	A157	M. CHE et al., "A Study of the Chemisorption of Nitric Oxide on PdY Zeolite, Evidence for a Room Temperature Oxidative Dissolution of Pd Crystallites," The Journal of Physical Chemistry, Vol. 60, No. 21, 1976, 11 pgs.	
	A158	M. NAKAMURA et al., US PTO Office 10/589,890, dated 07-15-2008, 5 pgs.	
	A159	M. NAKAMURA et al., US PTO Office 10/589,890, dated 11-19-2008, 13 pgs.	
	A160	PH. BUFFAT AND J-P BOREL, "Size effect on the melting temperature of gold particles," Physical Review A, June 1976, Vol. 13, No. 6, 12 pgs.	
	A161	R. WILLIS, "PUMICE, Porous Volcanic Rock," Online, XP002364316, URL: http://ceramic-materials.com/cermaf/material/2009.html .	
	A162	S. ERIKSSON, et al., "Preparation of Catalysts from Microemulsions and Their Applications in Heterogeneous Catalysis," Applied Catalysis A: General, Vol. 265, No. 2, July 8, 2004, pp. 207-219.	
	A163	T. Kinoshita et al., "Magnetic evaluation of nanostructure of gold-iron composite particles synthesized by a reverse micelle method," Journal of Alloys and Compounds, Vol. 359, No. 1-2, Sept. 22, 2003, pages 46-50.	
	A164	T. Shimizu et al., "Size Evolution of Alkanethiol-Protected Gold Nanoparticles by Heat Treatment in the Solid State", J. Phys. Chem. B, 107, 2003, pages 2719-2724.	
	A165	W.Y. Kim et al., "Methanol synthesis from syngas over supported palladium catalysts prepared using water-in-oil microemulsion," Applied Catalysis A: General, Vol. 169, 1998, pages 157-164.	

Examiner Signature	/Cam N. Nguyen/	Date Considered	06/04/2009
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